1856

Analysis of the mineral water from the Plantagenet Spring

012
856
5

Queen's University
Library

KINGSTON, ONTARIO

AN ANALYSIS

OF THE

MINERAL WATER

FROM THE

PLANTAGENET SPRING,

WITH

CRTIFICATES TESTIFYING TO ITS SUPERIOR QUALITIES AS A PREVENTIVE AND A CURE IN MANY CASES OF APPROACHING AND CONTRACTED DISEASE.

MONTREAL:

NTED AT THE STEAM-PRESS PRINTING ESTABLISHMENT OF OWLER & STEVENSON, 42 ST. FRANCOIS XAVIER STREET.

1856.

F1028
1856A5

INTRODUCTION.

Among the many remedies which men of science, learning and experience have recommended to the suffering patient to relieve, invigorate and cure, perhaps none have ever been tried or recommended with equal security, efficiency and success as Mineral Water.

Among those Waters now in use, none are so much in demand as the PLANTAGENET WATER. It is at once a refreshing drink to robust and healthy, a cooling draught to the feverish patient, and it has been used as an effectual cure for many distempers which arise from the impure state of the blood and otherwise.

The increasing demand for this *Mineral Water* has induced the Proprietor to make arrangements for its introduction into the principal Cities of Canada and the United States, confident that when it is once known, it will obtain for itself a more extensive circulation, and be more highly appreciated.

117889

INTRODUCTION.

Among the many remedies which men of science, learning and experience have recommended to the suffering patient to relieve, invigorate and cure, perhaps none have ever been tried or recommended with equal security, efficiency and success as *Mineral Water*.

Among those *Waters* now in use, none are so much in demand as the PLANTAGENET WATER. It is at once a refreshing drink to relieve and healthy, a cooling draught to the feverish patient, and it has been used as an effective cure for many disorders which arise from the impure state of the blood and otherwise.

The increasing demand for this *Mineral Water* has induced the Proprietor to make arrangements for its introduction into the principal Cities of Canada and the United States, confident that wherever it once becomes known it will obtain for itself a more extensive consumption, and be more highly appreciated

Plantagenet Mineral Springs.

Nature not unfrequently presents us with combinations of medicinal agents, admirably adapted to our necessities. This observation is peculiarly applicable to mineral waters, which sometimes hold in solution remedial substances truly valuable, which, if administered to an invalid, chemically or artificially compounded, would prove of little benefit. In mineral waters these compositions are so matchlessly contrived, that while they *invite*, they at the same time *defy* imitation.

There is one peculiar characteristic of mineral waters, that the medicinal substances are presented to the stomach in such minute quantities as to be the most favourable for rapid absorption, while their alterative or other energies are for the same reason enhanced. To such conditions we consider referable the sometimes remarkable effects produced by the continued employment of mineral waters; and of this fact the history of the mineral spring water which we are writing, affords a very large number of examples.

The Plantagenet spring water was first introduced to public notice in 1832. This was a memorable year for the Province. It was devastated by that most terrible of Divine inflictions, the Asiatic cholera, the city of Montreal having been actually decimated. During that year a gentleman of the name of Cameron, a lumber merchant, acquainted with the properties of the water, freely used it himself, and induced as many as it was possible under his charge to employ it as a beverage. This singular fact is recorded, that of all those who used the water and were attacked by the cholera, none died, while of all those who refused the water none recovered. This circumstance has been attested by Mr. Dorval, then a City Councillor for Quebec. The fact, however, had not escaped observation, and the reputation of the water unostentatiously but rapidly spread. It was afterwards prescribed freely by the medical profession of Montreal and Quebec, from which circumstance its employment became general, and we may safely assert that no other mineral water has secured and *retained* a greater amount of confidence among the learned professions or the laity of the Province.

The place where this celebrated spring water is found, is in the Township of Plantagenet, on the southern shore of the River Nation, one of the tributaries of the Ottawa, and situated about 30 miles below the city of Ottawa. Although but lately revived in its medical application, the water seems to have enjoyed a very ancient reputation, there being traditionary evidence, that the spring, from an early period in the history of the Province, had been the resort of the Indian as well as the early settler, for the sake of its curative powers, disappointment having rarely followed its use.

It is chiefly, however, within the last six or seven years, that the attention of the medical profession of Montreal and Quebec having been especially attracted to it, this spring water has attained its principal celebrity; and the proprietor has to acknowledge his gratitude to the profession generally for their favourable appreciation of its virtues, and their numerous testimonials in its favour. These testimonials are generally so uniform in tone, come from gentlemen situated in such widely separated parts of country, and taking them in the aggregate, from persons of such opposite professional employments and pursuits, as to banish all ideas of collusion; while, at the same time, they indicate in the water a combination of ingredients, intrinsically and happily good, which alone must have been the cause of its rare success as a medicinal agent, and of the general favour which it has enjoyed.

For the information of our readers we subjoin the chemical analysis as performed in 1849 by Professor Hunt, of the Canadian Geological Survey.

ANALYSIS

OF THE

PLANTAGENET SALINE SPRING.

The Mineral Water of the Plantagenet Spring is strongly Saline, and contains a considerable quantity of the compounds of Bromine and Iodine, to which this class of Waters is conceived to owe a great part of their medical virtue. It is, besides, characterized by the large amount of Magnesia which it contains, dissolved in the form of a Bicarbonate. I have submitted to a careful analysis a quantity of

the Water placed in my hands by the proprietor of the Spring, Mr. CHARLES LA-ROCQUE, and have obtained the subjoined result:—

One pound avoirdupois weight—7,000 grains—contains of

	Grains.
Chlorid of Sodium,	81.66200
Chlorid of Potassium,	.72800
Chlorid of Calcium,	.95480
Chlorid of Magnesium,	1.71654
Bromid of Magnesium,	.05635
Iodid of Magnesium,	.03689
Carbonate of Lime,	6.23301
Carbonate of Magnesia,	6.23301
Carbonate of Iron,	.06748
Silica,	.49000
Sum of Solid Ingredients	92.17607
Water,	6.907.82393
	7.000.00000

The specific gravity of the Water is 1006,377, pure water being 1000. As I have not collected the Water at the Spring, I am unable to determine the amount of carbonic acid which it contains, but it appears to be considerable.

T. S. HUNT,
Chemist to the Geological Commission.

Office of the Geological Survey,
Montreal, 23rd March, 1849.

Having thus detailed the analysis of the water, it only remains to point out those diseases in which its employment, as a medicinal agent, would appear to be serviceable.

1. RHEUMATISM.—With regard to this disease, there appears to be a very general concurrence, as regards its value, among medical men in this Province. Those who have especially found benefit from it in chronic cases, have been Drs. Bibaud, Trudel, Leprohon, Hall, Campbell, Crawford, Gibb, Wilson, Mount, Smith, Macdonnell [chronic and acute], Jackson, Moffat, Tavernier.

2. GOUTY AFFECTIONS.—The allied nature of the present disease to the former, points to an analogous mode of management; and there can be no question, that gouty affections have derived great benefit from the use of the water, as certain certificates will shew.

3. URINARY DISEASES CONNECTED WITH AN ACID DIATHESIS.—In cases of

this disease the employment of the Plantagenet spring water has proved singularly efficacious. While the water acts apparently on the bowels, it at the same time by absorption influences the kidneys; and neutralizing the superabundant secretion of acid, prevents the deposition of an acid deposit either in the kidneys or bladder causing stone. Certificates to this effect have been obtained from Drs. Sewell, Mount, Hall, McCulloch, Campbell, Picault, Crawford, Badgley, Fraser, Gibb, Nelson, &c., &c., &c. It may be as well here to notice, that the cause of its success in these complaints, is the large amount of carbonate of lime and magnesia which enter into its composition.

4. Besides its efficacy in the foregoing frequent and important maladies, for which it appears to be especially adapted, its alterative powers have been also especially displayed in chronic affections of *various internal* organs, of which it will be sufficient to mention those of the stomach, liver and kidneys, and upon which the iodine and bromine which enter into its composition, play, as they do in all chronic diseases, an important part. We regard it unnecessary to indicate in an especial manner, all those affections or diseases, in which the employment of the Plantagenet spring water has been found serviceable. A perusal of the certificates annexed will satisfy the most credulous.

To the inebriate, desirous of reforming himself, this water presents a favorite and favourable means. Its use seems to appease the longing for drink with which these persons are so much tormented, and which they find it so difficult to withstand; and we could point out numerous cases in which the steady and persevering employment of the water has superseded the previous bad habit, and has restored the parties to the position of respectable members of society.

Such is a brief sketch of the principal diseases and cases in which the employment of the Plantagenet water has been found serviceable; but we have yet to view it in another light, as a mild, safe and certain aperient, effecting its action without the induction of sickness or griping. As such it may be employed under any of the circumstances in which such an effect is desired; but it especially recommends itself to the female after accouchement, in a condition of the system prone to inflammation, and in which if fever be present, its cooling and refrigerant powers dependant upon its saline impregnation, render it a peculiarly applicable and grateful beverage. It has been extensively used under such circumstances, and has given general satisfaction. As a refrigerant or cooling drink in febrile affections of all kinds, none can be presented to the patient more acceptable. Drunk, *ad libitum*, while it does not interfere with any medical treatment adopted at the same time,

it will be found on the contrary to assist that treatment; and while moderating the heat of skin, tends also to quench the thirst which is a distressing symptom in those complaints.

Lastly. As a grateful and cooling drink, a tumblerful taken during the intense heat of a summer's day, is fast usurping the place of the favorite and fashionable aerated soda water. It is found to be equally as refreshing as the latter, and should command a preference, as its influence on the system is far more beneficial.

MANNER OF USING THE PLANTAGENET WATER.

1. As a Laxative and Diuretic.—For this purpose two or three tumblerfuls should be taken in the morning on the fasting stomach, and this either may or may not be preceded by a little preparatory medicine taken at bed time the preceding evening, according to the intensity of effect desired. Ordinarily under such circumstances the effects of the medicine are experienced in the course of three or four hours. The diuretic action of the water is promptly determined by the free exposure of the body to cool currents of air.

2. As an alterative.—A tumbler full may be taken three times a day, a short time before meal hours. For the production of this effect a prolonged employment of the water is requisite. In this manner only can any rational benefit be expected from it in old or chronic diseases.

3. As a refrigerant or cooling drink, a tumbler full may be taken at any time.

We have by no means exhausted our subject. Much more might be said, but we have rather endeavoured to epitomize, or abridge, than extend unnecessarily our remarks. A vast deal of information will be found in the annexed certificates with which we have been favored at different times, from various parties, and from medical gentlemen of the highest eminence in their profession. We prefer to let these certificates tell their own tales; while in what we have written, it has been the furthest possible from our intention to exaggerate the virtues of the water, or to attribute to it powers which we cannot prove that it really possesses. We think that the water has been sufficiently long before the public to have had its merits fairly tested—merits requiring no eulogy from us. These are best proved by its general use in this Province, and fully justify the expression of our belief, that in its qualities as a medicinal spring, the Plantagenet stands unrivalled.

CERTIFICATES.

I certify that for many years past I suffered horribly from rheumatic pains, in spite of all the best medical treatment I could obtain, and that having for some time made use of the Plantagenet Mineral Water, I am completely cured.

J. Bte. LACUYERBULT.

Plantagenet, August 10, 1848.

I, the undersigned, do certify that I have been sick for the space of eight months, during which time I was in such a continual state of weakness, that I could not dress myself and that having made use of the Plantagenet Waters, of which Mr. Charles Larocque is proprietor, I am perfectly cured.

MARGUERITE PILON.

Plantagenet, August 11, 1848

I would state under oath, that whenever I cease to drink the water of the Plantagenet Mineral Spring now under the control of Mr. Charles Larocque, I cannot attend to my business, and as soon as I resume their use, I feel well.

PAUL SABOURIN.

Plantagenet, August 8, 1848.

I, the undersigned, do certify that to my knowledge, many persons who have made use of the Plantagenet Mineral Waters, have derived a great benefit from them, especially in cases of Rheumatism.

Dr. M. R. L. LEDUC.

River Delisle, August 14, 1848.

I have been spitting blood for eight months past, and since eight days past I have been drinking Plantagenet Mineral Water. I am better, and my strength is double to what it was.

AUGUSTIN LAFLAMME.

Montreal, August 15, 1848.

EXTRAORDINARY CURE.

I certify that my wife since three years past has suffered much from a

very grievous disease, and tried many remedies without success; but since she has been drinking the renowned Plantagenet Waters, she is quite well.

H. LAURIN.

Montreal, Sept. 4, 1848.

I certify that during the space of three or four years I have suffered from an acute pain in my side, against which I tried different remedies without success. Since three or four weeks, I have been drinking the Plantagenet Spring Water, and am quite well.

DANIEL ALLEGAY.

Montreal, Sept. 16, 1848.

I feel great pleasure in introducing to the notice of the public the Plantagenet Mineral Waters, whose excellent qualities for restoring the system and giving it strength, are not surpassed by any in this Province.

This I state from experience, having made use of all the other mineral waters in this country. Let those who are afflicted with headache, loss of appetite, &c., try these waters, and their success is certain.

H. J. LARKIN.

Montreal, Sept. 9, 1848.

I certify that I have used during a short space of time, some of the Plantagenet Mineral Waters, and that I have been greatly benefitted by them; and I believe them superior to all others of that kind.

JOHN McDONALD.

Montreal, Sept. 1848

I am ready to declare upon oath that having intensely suffered from the swelling of a leg and foot for more than thirty years past, I have been completely cured by a three months' use of the Plantagenet Mineral Waters. Therefore I recommend all those similarly afflicted to drink this most valuable water.

M. JULIE GELINEAU.

Rigaud, Sept. 15, 1848.

This is to certify that the Plantagenet Mineral Waters have been used in my family and vicinity for many years past, as a healing drink for all diseases. Having myself I believe, made use of all the other mineral waters known along the Ottawa, I have found the former to be far more beneficial than the latter. These waters have been used for rheumatism,

dropsy, diabetes, dyspepsia and many other diseases, producing a very salutary effect. I believe them to be of infinite value.

WM. DOYLE, J.P.

Petite Nation, Sept. 23, 1848.

I declare that I have terribly suffered a long time of the rheumatism, and that since I drank some Plantagenet Water I am better.

LOUIS PLAMONDON.

Montreal, Sept., 1848.

EXTRAORDINARY CURE.

I certify that since I had the cholera, I was infirm in my limbs and hearing. I was so until I made use of the Plantagenet Waters. I had spent above £300 before I heard of those waters, for medical aid. I was taken to one of my friends near the Springs, and lived with him six weeks, during which time I washed myself with, and regularly drank of this water. When I left the springs I was perfectly cured—heard well, and am still in good health.

P. S. T. CONKEY.

Brook, Sept., 1848.

CHOLERA CURED BY THE PLANTAGENET WATERS.

I, the undersigned, wishing to give testimony in favor of the Plantagenet Waters, beg to state, that in the year 1832, I was with a number of men lumbering near those valuable and efficient springs, and that I was taken with the then prevailing disease, [cholera,] with a number of my men, who were also taken ill of the same disease. We used it, and we were perfectly cured, whilst those who were against it, died almost instantly of the prevailing disease. Moreover, we took down several barrels with us to Quebec in case of a relapse.

I remain, Sir, yours, &c.,

J. S. CAMERON.

St. Lawrence, Jan. 9, 1849.

Montreal, March 24, 1849.

I, the undersigned, hereby certify that the above certificate of Mr. J. S. Cameron, relative to the Plantagenet Mineral Waters, as being an efficient cure in cases of cholera and other sickness, is strictly true, having witnessed its use in similar cases; and moreover, in the year 1832, the fact above stated having occurred to my knowledge, I take therefore the liberty of recommending the same.

A. DORVAL, M.D, City Councillor, Quebec.

I do hereby certify that for upwards of a year and a half I have suffered severely from dyspepsia and costiveness, from the effect of which I became so attenuated that all hopes of my recovery were abandoned. After having used the various remedies usually prescribed in similar cases, without experiencing any relief, I had recourse to the Plantagenet Spring Waters, and since I have used them, my health has been completely restored. As I attribute my recovery entirely to these waters, I consider it my duty most earnestly to recommend them to whomsoever may be afflicted with the above-mentioned disorders.

J. BELLE, N.P.

Montreal, March 16, 1849

I have advised a number of my patients to make use of the Plantagenet Spring Waters, from which they have invariably derived benefit, answering the action of the stomach, increasing the appetite, and acting gently, but effectually, upon the kidneys and bowels, and the latter especially. Invalids are becoming very fond of it.

WOLFRED NELSON, M.D.

Montreal, March 21, 1849.

Montreal, March 29, 1849.

Mr. Charles Larocque having submitted to me an analysis of the Water of Plantagenet Springs, made by T. S. Hunt, Esq., and requested my opinion thereon, I have to state, that the proportion and combination of ingredients most admirably adapt them for use in gout, gravel, rheumatism, some forms of liver disease, dyspepsia and dropsy, and in all forms of scrofula, except consumption.

In regard to its use in cholera, of which he has some important and respectable certificates, it is to be remarked, that the saline treatment of cholera is rising into high favour in Europe, numerical investigations seeming to prove its superiority. Should such be the case, we have an excellent combination from the hand of nature in the Plantagenet Waters.

S. C. SEWELL, M.D.,
Lecturer on Materia Medica in McGill College, &c.

Sir,—In compliance with your desire, communicated to me, for my opinion upon the use of the Plantagenet Waters, I do not hesitate to state that according to their analysis by Mr. T. S. Hunt, Chemist of the

Geological Commission, and by reason of their tonic, alterative, diuretic and purgative properties, which result from their constituent parts, they may be employed with advantage, according to the mode of application, in the treatment of rheumatisms, gout, dyspepsia, affections of the liver, scrofula, dropsies, and in many other diseases, when employed in a proper manner. Such medicaments, in my opinion, are by far more preferable to so many others which crowd in upon us from all quarters—the composition, and, consequently, the properties, of which are unknown—and yet are unscrupulously recommended, without discernment, for the cure of all diseases.

The testimony given in favour of these waters, for the cure of cholera, deserves attention. This medicine seems to be much in accordance with the one highly recommended in 1832 by Dr. Stevens, and which was the most productive of satisfactory results.

Yours, &c.,

J. G. BIBAUD, M.D.,
Prof. Anatomy, Medical College, Montreal.

Montreal, March 31, 1849.

Montreal, March 31, 1849.

Having examined an analysis of the Plantagenet Mineral Waters, given by T. S. Hunt, Esq., I feel justified in stating that from their composition they may be employed with advantage in cases of dyspepsia, rheumatism, nervous diseases, bilious fevers, dropsy, piles, constipation, scurvy, scrofula, &c.

I have recommended them to several of my patients for diarrhœa and dysentery, and they derived a great benefit from them. I doubt not but that they may be very useful for cholera, especially if taken as a preventive, by purging before hand, and immediately after being attacked by the disease.

E. H. TRUDEL, M.D.

Sir,—I gladly accede to your wish in forwarding you my opinion upon the medicinal virtues of the Plantagenet Waters, and am happy to state that I have great confidence in their efficacy and happy influence in determining the issue of many hidden diseases, against which the most rational therapeutic was of no avail.

The different saline elements of the component parts of these waters are of such a nature as to authorize me in the recommendation of them, especially for rheumatisms, deep and constitutional affections of scrofula, white swellings, neuralgia, and more particularly the sciatica.

Persons whose stomachs are disorganized by a too great use of alcoholic drinks, will find this an excellent corrective, well adapted for restoring the tone to that organ and the general harmony of its functions.

Believe me, Sir, &c.

J. L. LEPROHON, M.D.

Montreal, March 31, 1849.

The proprietor of the Plantagenet Saline Springs, Mr. Charles Larocque, has requested my opinion as to the efficacy of these waters. I have lately tested them in chronic cases of dyspepsia with decided benefit, and I have found them improve the appetite and act mildly as an aperient. From their composition, as demonstrated in the analysis made by T. S. Hunt, Esq., I should consider them capable of exercising a beneficial influence on the liver and kidneys.

H. MOUNT
M. R. C. S. L.

Montreal, April 5, 1849.

The analysis of the Plantagenet Spring Water having been submitted to me, as performed by Mr. T. S. Hunt, Chemist to the Geological Survey, I consider the water to present a valuable combination of medicinal agents, admirably adapting them for use in several diseases. They should be found capable of subserving a laxative, antacid and alterative indication, and with such objects in view, should prove valuable in scrofula, certain forms of rheumatism and gout, in urinary diseases, in which an alkaline treatment would be serviceable, and in some skin diseases connected with, and dependent upon, peculiar derangements of the stomach. Under the latter circumstances, its antacid and alterative powers should prove of eminent service.

The quantity of iodide and bromide of magnesium, appears to me considerable, a nd should, therefore, entitle the water to a full consideration in those diseases in which those active agents are mainly employed.

Having on numerous occasions used the water in private practice, I can testify to its unirritating action on the bowels.

A. HALL, M.D.,
Lecturer on Chemistry, McGill College.

Montreal, April 10, 1849.

Since I have seen Mr. Hunt's analysis of the Plantagenet Mineral Water, I have regarded it as a valuable medicinal agent, and recom-

mended it in many cases where I thought its saline and other useful constituents would be of service to my patients.

MICHAEL McCULLOCH, M.D.,
Lecturer on Midwifery and Diseases of Women and Children, M'Gill College.

Montreal, April 17, 1849.

It is only within the last few weeks, since the publication of Mr. Hunt's analysis, that my attention has been especially directed to the Plantagenet Mineral Water. As yet I have only had an opportunity of testing its efficacy in a few cases of dyspeptic ailment, but I have no doubt, from the combination of valuable remedial principles which enter into its composition, that it will be found a most efficient remedy in many diseases of the stomach and bowels, especially those attended with an excess of acidity in these organs, in some of the most common forms of calculous disorders, in gout, rheumatism, and in most cases of debility requiring a gently stimulating and restorative treatment.

GEO. W. CAMPBELL, M.D.,
Lecturer on Surgery, McGill College.

Montreal, April 14, 1849.

From Mr. Hunt's analysis of the water of the Plantagenet Springs, it appears well adapted as a remedial agent for most of those chronic diseases and derangements in which the saline ingredients of the blood are rather deficient in quantity or deteriorated in quality, containing as it does the most important of these, combined by nature in a palatable form. And for the same reason it seems well adapted for counteracting the baneful effects of contagious or miasmatic poisons on the blood, and, consequently, is likely to prove useful during the prevalence of epidemic or contagious fevers, influenza, and cholera. To its remedial properties, in the last of these diseases, the testimony of experience has already been borne.

W. FRASER. M.D.,
Lecturer on Forensic Medicine, McGill College.

Montreal, April 19, 1849.

The analysis of the Plantagenet Water, as furnished by Mr. Hunt, recommends it to the members of the Medical Profession as a good remedial auxiliary in certain cases of derangement of the digestive and assimilating organs—in some cases of dyspepsia, gout, and rheumatism;

in certain affections of the heart, liver, kidneys and skin, and in special forms of scrofula.

I have prescribed the water during the present month in the Clinical Wards of the Montreal General Hospital, but I am not prepared as yet to offer you any deductions as to the results of my limited experience of its utility in the treatment of the diseases in which I have employed it.

I am, Sir, yours, &c.,

FRANCIS BADGLEY, M,D.,

Lecturer on Clinical Medicine, Montreal General Hospital.

Montreal, April 20, 1849.

From the analysis of the Plantagenet Water, made by Mr. Hunt, I have no doubt it will be found very useful in rheumatic, gouty, and dyspeptic diseases, but as I have not yet employed it in any case, I cannot speak from personal experience of its medicinal qualities.

R. L. MacDONNELL, M.D.,

Lecturer on the Institutes of Medicine, McGill College.

Montreal, April 23, 1849.

Montreal, April 23, 1849.

Sir,—Having noticed an advertisement in some public journals of this city, by which an analysis of the Mineral Waters of the Plantagenet Springs are given by Mr. Hunt, chemist, at your request, I would beg to state that the alkaline, chloride and carbonate, carbonate iron, iodide and bromide magnesia in them contained, render them highly commendable, especially in certain cases of dyspepsia, for removing constipation which proceeds from that affection. I believe they may be employed with advantage in certain diseases of the stomach, as well as in many chronic diseases of the skin,

I am, Sir, yours, &c.,

J. EMERY CODERRE, M.D.

Montreal, April 29, 1849.

An analysis, of the Plantagenet Mineral Waters having been submitted to my consideration, I feel I can, with confidence recommend them to the public as very useful, on account of their alterative properties in certain chronic diseases of the stomach, the liver and other abdominal viscera, rheumatism and gout. As an alterative they may be used with advantage in cases of dropsy, especially when their diaphoretic and diuretic action is taken into consideration. Finally, they may be useful in cholera, on account of their anti-acid and anti-emetic properties.

One advantage they possess over all other patented medicines, sold in such large quantities to the public, is, that they can scarcely be dangerous, whereas the others (containing, for the most part, substances whose action upon the animal economy is most powerful, such as bichloride of mercury and different preparations of antimony, lead, iodine and silver, and that in strong doses,) might prove very dangerous in many cases.

L. F. TAVERNIER, M.D.

Sir,—The many certificates you have received from the most eminent physicians in this country, preclude me from further eulogising your Mineral Waters. I will only add, that all those who have purchased them from me and used them, agree in stating that they cannot but highly recommend them to all their friends as productive of a very salutary effect.

I have the honor to be, yours, &c.

E. PICAULT, M.D.,

Montreal, April 30, 1849.

From the analysis of the Plantagenet Water, exhibited by T. S. Hunt, Esq., I feel very favorably disposed to recommend its use in dyspeptic, gouty, and nephritic affections, and also in chronic rheumatism. As I have as yet made but few trials of its effects, I am unable to add any testimony from experience, further than that it is an efficacious and an agreeable laxative and diuretic, and I consider it well deserving of the patronage of the public.

J. CRAWFORD, M. D.,

Lecturer on Clinical Medicine and Surgery, M'Gill College.

Montreal, April 30, 1849.

Since the analysis of the Plantagenet Spring Water has appeared before the public, I have recommended its use to many of my patients with considerable benefit.

It is well adapted for many of the diseases of the urinary organs, affections of the skin, constipation, whether arising from gasteric or hepatic derangement, scrofulous affections, and some forms of dropsy.

As a means of assuaging the intense thirst of cholera, and of assisting in the cure of that disease, added to other treatment, it must form a highly valuable medicine.

GEORGE D. GIBB, M.D.,

Licentiate Royal College of Surgeons, Ireland

Montreal, May 30, 1849.

Quebec, October 10, 1849.

At the request of Dr. Morin, my medical adviser, I was induced to take some of your really valuable Plantagenet Mineral Waters; and for the benefit of my suffering fellow creatures, and mankind in general, I cannot but bear my humble testimony to their beneficial effects. Having suffered, for some time back, from severe attacks of optical delusion, and derangement of the lower intestines, I was induced to try the Plantagenet Water, from the use of which I have derived incalculable benefit. If my testimony should appear to you likely to induce others to try the Water, you have my full consent to use it in such manner as may seem most desirable to yourself.

I subscribe myself, dear Sir, with gratitude, your obedient servant.

HENRY DYER.

Montreal, (Canada,)
Nov. 12, 1849.

I, Augustin Norbert Morin of the city of Montreal, Speaker of the Legislative Assembly of Canada, do hereby certify, that I am acquainted with Mr. Larocque, proprietor of the Plantagenet Springs; that the Plantagenet Waters have been widely used in this city and district, and with marked advantage, as far as I can judge by universal report. I have looked to the printed paper hereto annexed, the original certificates not having been shewn to me. I have no doubt of its genuineness, from the well known position of the medical gentlemen and of others who have signed, and from the publicity which these certificates have had in the newspapers. The physicians whose names they bear are among the most respectable of the Faculty. Mr. Hunt, the Chemist, is also well known to me. He has been, I believe, an occasional correspondent of Silliman's Journal, and his character and capacity are well established.

A. N. MORIN.

Bytown, 8th Oct., 1849.

To Mr. Larocque.

Sir,—As you ask my opinion of your Plantagenet Water, I beg to say that I have known it to be a valuable mineral water for 15 years. Since it has been analyzed, its medical properties have been fairly tested; the saline and chalybeate qualities being so beautifully blended together, producing an increased action of the bowels, without the ordinary debility caused by other purgative waters, from the tonic qualities of the iron. I declare this water, by its analytical principles, superior to any

other mineral water with which I am acquainted, and as more particularly suited for convalescents.

Yours, &c.,

JAMES GRANT, F.R.C.S.E.

Montreal, 12th Feb. 1850.

Sir,—It is now nearly 10 months since I commenced using the Plantagenet Waters in my practice; and I have now to state, that the high expectations I then formed of them, from the publication of Hunt's Analysis, have been fully confirmed by my experience of their beneficial effects.

I have found them a most agreeable and efficacious antacid laxative, and their continued use seems to answer the purpose of a tonic, by improving the digestive powers, and increasing the appetite.

I remain, Sir, your obedt. servant,

G. W. CAMPBELL, M.D.,
Lecturer of Surgery, McGill College, Montreal.

Dundee, March 12, 1850.

My Dear Friend,—Many thanks to you for the Mineral Plantagenet Waters you were so kind as to send me; I have tried them in several cases of dyspepsia, &c., rheumatism, &c. &c. &c. I am happy to be able to state that I consider them a great natural boon, and that they should be recommended to our country inhabitants especially, as a good and cheap remedy.

I prescribed the use of them in two cases of constipation, proceeding from pregnancy, and with great success. The same result was obtained in two cases of whites.

I doubt not, but that for Cholera, according to the analysis given of them by T. S. Hunt, Chemist, they may be useful, especially, if taken as preventive, by purging beforehand.

L. H. MASSON, M.D.,

Mr. C. Larocque.

Montreal, March 22, 1850.

Since August, 1848, I have recommended the Plantagenet Waters in a variety of chronic complaints, and with good effect. It has proved very useful in dyspepsia, rheumatism, and scrofula. Weakly and nervous persons, and those in whom there was an increased action of the bowels and kidneys, took but half a tumbler at a time, repeated every hour or two When possessed of more strength, and there existed a tardy state of the

secretions, that water was more copiously partaken of; and in cases of plethora, where a disposition to congestion predominate, with a tendency to fever and irritation, it was taken to the extent of several pints a day.

It would be a most happy circumstance if "Mineral Waters," generally, were to supersede, and be substituted for, the thousands of vile and pernicious compounds, under the style of Patent Medicines, with which a certain class of the community gorge themselves, to their manifest injury, and to the advantage, solely, of the unscrupulous manufacturers.

WOLFRED NELSON, M.D.,
President College Physicians and Surgeons, C.E.

Montreal, March 23, 1850.

My Dear Sir,—I have pleasure in complying with your request, that I should inform you of my opinion in regard to the medical value of the Plantagenet Spring Water.

It is now about twelve months since I became familiar with its employment in practice, and my observation of its effects fully confirms the accuracy of the opinion which I expressed to you in April, 1849, and which I based at the time upon its chemical composition, as revealed by the analysis of Mr. Hunt.

I have used the water rather freely, and have never been disappointed in my expected result. It has gently operated on the bowels, freely relieving them, and this more or less actively, in accordance with the quantity used. It is emphatically an antacid laxative of value, and will be found serviceable in all cases, especially requiring that indication to be fulfilled.

My experience of it in cutaneous affections is more limited; too limited, indeed, to permit me to offer any positive opinion of curative efficacy. I do not doubt, from the presence of iodine and bromine in the water, associated with magnesia, that it will prove serviceable in these cases also. It would require a more extended observation than that of a few months to confirm this opinion.

As an ordinary laxative in pregnancy, I know of none safer, more palatable, or more generally acceptable to patients.

I remain,
Yours, very truly,
A. HALL, M.D.,
Lecturer on Materia Medica, McGill College.

My Dear Sir,—It affords me pleasure in yielding with your request,

to inform you of my opinion with regard to the Medical virtues of the Plantagenet Spring Water. It is now nearly twelve months since I recommended its use to some of my patients, and its effects in certain affections of the liver, kidneys, and dyspeptic diseases, in the latter complaint particularly, I have found it to act with the most beneficial results. Its laxative, antacid, and alleviative powers have proved of eminent service. Its unirritating action on the bowels entitles it to a preference to any other requiring that indication to be performed. From the analysis made by Mr. Hunt, Chemist, and by its curative efficacy, so well tested in Canada, it cannot fail to recommend itself.

HENRY MOUNT,
M.R.C.S.L.

To Mr. C. Larocque,
Montreal, 1st April, 1850.

Montreal, March 30, 1850.

I have recommended the "Plantagenet Water" to a great number of my patients, and have found it to act as a gentle aperient—a small quantity producing that effect in many constitutions, and this I consider a very great advantage.

R. L. MACDONNELL, M.D.,
Lecturer on Clinical Medicine, McGill College.

Montreal, April 8, 1850.

Sir,—I am convinced that the Plantagenet Spring Water, as an antacid laxative and substitute for the tonics, is valuable indeed; and it is after its use, for eight months or more in my practice, that I can thus speak.

SAML. B. SCHMIDT, M.D.

To C. Larocque, Esq.

PLANTAGENET WATER.

Montreal, April 10, 1850.

Sir,—I have now prescribed the Plantagenet Water for upwards of a year, and I am very happy in being able to state to you, that the opinion which I formed of their probable usefulness, based on Mr. Hunt's analysis, at the time of my commencing to use them, has been fully and satisfactorily verified by subsequent experience. I now recommend them extensively, and I have frequent opportunities of hearing from my

patients that their employment has been attended with all the beneficial results for which they were prescribed.

I am, Sir, your obdt. servant,

FRANCIS BADGLEY, M.D.

Lecturer on Med. Juris., McGill College.

To Mr. C. Larocque.

Montreal, April 2nd, 1850.

The undersigned certifies that the constant use of the Plantagenet Water has been of signal service to him against frequent attacks of Rheumatism in the joints, to which he has been subject for several years.

E. M. LEPROHON.

CERTIFICATE OF THE HON. L. J. PAPINEAU.

From the careful and scientific analysis which was made by Mr. Hunt, of the Plantagenet Mineral Waters, the enlightened Physician could at once proclaim that it was, in a great variety of diseases, acute and chronic—that he would prescribe their use, with the strongest reliance that he must thereby obtain the most favorable results. Experience soon confirmed the decision. Several of the Physicians of the highest standing and reputation in this city, and whose practice is therefore most extensive, because most successful, have published certificates testifying to the great efficacy of this invaluable medicine, which they have most frequently administered to their patients. Their authority is the one that ought to carry the greatest weight with sick persons, and persuade them. Though I am a stranger to their learned profession, and have been blessed with such uninterrupted health, that I have not needed calling them to my aid, nor to make use of any remedy for several years, yet I attest, on my personal knowledge and observation, that many persons in my family, as well as in a large circle of friends, relations and acquaintances, have used these Waters, either under direction of their Physicians, or of their own accord, and that, in an infinite number of cases, they drew therefrom their cure often; relief always; inconvenience never.

At the desire of the proprietor, with true satisfaction do I give him the present certificate, happy if it can become a proximate cause of usefulness to any sick one whom it had helped to induce to resort to a remedy which, more often than almost any other, shall prove successful.

L. J. PAPINEAU.

Montreal, April 19, 1850.

McGill College, April 29, 1850.

Sir,—Several members of my family have been in the habit of using the Plantagenet Water, as directed by the Physicians attending them, and always with the beneficial results anticipated.

I have the honor to be,
Sir,
Your obedient servant,

JO. ABBOTT, M.A.,
Secretary, Registrar.

Montreal, 1st May, 1850.

I often recommended the use of the Plantagenet Mineral Waters to my patients, and they usually inform me that its action on the bowels has been satisfactory, and that in many cases it has also had a favorable influence on the general health.

M. McCULLOCH,

Lecturer on Midwifery, and the Diseases of Women and Children, University of McGill College.

Sir,—Having recommended to my patients in the Hotel Dieu Hospital of this city, the use of the Plantagenet Waters, I consider them to be very efficacious in allaying the great heat and thirst attending Fever; also in cases where there is acidity of the stomach, in Rheumatism, Dropsy, certain affections of the kidney and skin, and in cases of costiveness. In all cases, medical advice should be taken.

P. MUNRO, M.D.,

Attending Physician of the Hotel Dieu Hospital, and Lecturer on Surgery in the School of Medicine.

Montreal, May 2, 1850.

For the past eleven years I have labored under an impaired state of the digestive organs, from which I have found no relief, even by following the prescriptions given by the best physicians of Paris, of Beauvais, of Crépy, and of Gresy, on the Isere; but since I have made use of the *Plantagenet Waters*, I find myself much better. My health has sensibly improved, and I am quite inclined to believe that, by the means of these beneficial Waters, I can be radically cured.

MAURICE PROUX,
Priest.

Soulanges, 24th May, 1850.

My disease is a *Hypocondrie*, which has become chronic. I feel an oppression and obstruction in the articulations of the Epitsyatie up to the shoulders, where the contracting of hearticulations is more especially felt. Since I drank of the Plantagenet Mineral Waters, it seems to me as though my shoulders had been cleared of fifty Kilograms. Before I made use of your Mineral Waters I never expectorated, now I expectorate a large quantity of slimy matter. I think that for those who are troubled with vitiated humors, there is no better cathartic than the Plantagenet Waters, because they operate without debilitating or irritating the digestive organs. These advantages are never found with Pharmaceutic medicines, as experience has taught me; for after many false digestions caused by a diet too sedentary, I have tried and used prerogatives of the Pharmacopœia—which have been the source of my severe illness.

Accept, Sir, the assurance of my great consideration,

MAURICE PROUX,
Priest.

Parish of Soulanges, 24th May, 1850.

PLANTAGENET WATER!

Extract from the May number of the *British American Medical and Physical Journal*, edited by A. Hall, M.D.:

"Remedial nostra, or matters professing to be such, and depending for their employment upon the extensiveness of the circulation of laudatory advertisements, and the amount of money consequently paid by the proprietors for these, have at no time, since we undertook the management of a Journal, intended solely for the advancement of medical science, found favor in our eyes. Nor shall they. We have always adhered to the old maxim: "Ne sutor ultra crepidam." We have always thought, and are fully more convinced of the truthfulness and correctness of our opinion, that all the world was never intended to practice the medical art, inasmuch as all men—aye, and all women too—are unable to make themselves masters of the science of medicine; and it must be admitted, without a cavil, that without a foundation there can be no superstructure. Not that we would dare to question the qualifications of all to become, perhaps even, scientific practitioners of the healing art,—far from it; but seeing that different gifts have been assigned to different individuals, from the foundation of our world, and that one class is necessarily dependent upon another for its comfor- and support—the rich and poor, the educated and illiterate, the profest sor of science and the simple mechanic—so we hold, that the public should be directed, under God, to the maintenance and preservation of health, by men who have given, and continue to give, the best energies

of their mind to this particular study. It is under impressions of this kind that we direct the attention of our professional brethren to the advertisement of Mr. Larocque, on the cover. We have, in common with our medical friends in this city, taken occasion, from time to time, to prescribe, in fitting cases, the Plantagenet Water, derived from a spring on that gentleman's property, in the Ottawa District. Commendatory certificates from medical men, perfectly well known to us, have been published in the daily newspapers of this city; our own has appeared among the number. But we now hesitate not to recommend the employment of this water to the special attention of the profession, both here and in the United States. Mr. Hunt's analysis, as to its constituents, furnishes at once the key of its applicability and usefulness. We are informed that the proprietor has made arrangements for supplying during the forthcoming season, the Plantagenet Water throughout our own Province and the United States, by the establishment of necessary depots and the appointment of proper agents."

Montreal, June 7, 1850.

I, the Mayor of the city of Montreal, in Canada, certify and attest, as being within my own knowledge, the facts hereafter mentioned:—

1. The Physicians who have given certificates setting forth the virtues of the Plantagenet Waters are well known to me as enjoying a large practice, and occupying a distinguished rank among the members of the profession.

2. On my own behalf I may say that I have used the Plantagenet Water, and known by experience its beneficial effects during the intense summer heats. I have often preferred this natural fluid to the Soda Waters and refreshing Syrups commonly used in hot climates.

I think myself fortunate in being able to add my disinterested testimony to that of the Physicians of this city, and confidently recommend to the public the use of the Plantagenet Mineral Waters. In doing so, I believe that I fulfil a duty imposed on all good citizens, that of assisting in the maintenance of the public health.

E. R. FABRE, Mayor.

April 9, 1850.

My dear Sir,—In compliance with your request that I should inform you of my opinion of the Plantagenet Waters, from the analysis of Mr. Hunt, I was induced to use the waters in my practice, and I have found them of eminent service in cases of Dyspepsia and Rheumatism.

They are a very agreeable antacid aperient, only requiring to be more generally used for their medical virtues to be fully appreciated.

I am, my dear sir, your most obedient servant,

W. P. SMITH.

Montreal, April 6, 1850.

(Further Certificate from Dr. Nelson.)

PLANTAGENET WATER.

I believe I was one of the first practitioners of this city who recommended the use of the Plantagenet spring water, and since that time I have prescribed it to a very large number of my patients with invariable success.

Two members of my family, of feeble and delicate constitution, have derived marked benefits from the use of the water. One had nearly lost all power in the right arm, the result of a severe and protracted attack of Rheumatism; the other was excessively debilitated from derangement of the digestive and alimentary organs.

The administration of the Water is attended with the happiest result in constipation, arising from sedentary habits, and in aged persons.

In heartburn, morning sickness, and other complaints to which women are subject under certain circumstances, it acts most agreeably and effectually; but, in these derangements, as well as where there is over action of the kidneys and bowels, it should be taken in smaller quantities at a time, but more frequently.

From an extensive experience, I am well satisfied with the operation of the Water. To a weak person it is quite palatable, and I deem it preferable to any other of the Mineral Waters I am acquainted with. I look upon many of the Mineral Waters as a great boon conferred by Providence on mankind.

W. NELSON, M.D.,
V. R. Col., Phy. and Sur., Canada East.

The following certificate is from the Hon. P. M'Gill, a Member of the Legislative Council of the Province, and President of Montreal Bank:—

Charles Larocque, Esq.

SIR,—Having during the year past used the Plantagenet Water, so well known and so highly commended to public favor by some of our most eminent practitioners, I can bear testimony of its salutary effects on my own immediate health, and doubt not its efficacy in contributing to streng-

then and invigorate the constitution of those who may freely use it. The value of this water has been generally acknowledged in this community, and my own experience of its excellent qualities fully warrants me in giving my testimony to its beneficial effects.

PETER M'GILL.

Montreal, October 24, 1850.

[Further Certificate from Dr. MacDonnell, present Editor of the *British American Medical Journal*, and Chief Physician of St. Patrick's Hospital]:—

PLANTAGENET WATER.

When first applied to by Mr. Larocque for my opinion of the Plantagenet Water, I could only state that I had found it useful as a *mild aperient*;---a more extensive experience has convinced me of its utility in various diseases, as chronic and acute rheumatism, derangement of the stomach, liver, and bowels, particularly where mercury and strong purgatives had been frequently employed. In urinary diseases and hemorrhoidal affections, the Water will be found extremely useful; and for the derangement of the stomach and bowels which accompanies pregnancy, I have found it preferable to all other remedies.

Having suspended my opinion until some years' experience of this Water had satisfied me of its value, I have the less hesitation in strongly recommending it to the profession and the public, in the above affections, in which I have found it superior to all the other Mineral Waters of Canada; and, as a beverage in hot weather, I can recommend it as preferable to the drinks usually taken during the warm season.

I may state in conclusion, that I recommend this Water to the members of my own family, and have always kept a supply in the house since I became personally acquainted with its valuable qualities.

ROBERT L. MACDONNELL, M.D.

Montreal, May, 1851.

(Further Certificate from Dr. Sewell);

To C. Larocque, Esq.

Dear Sir,—You have asked my opinion of the Plantagenet Water, after another year's experience. Believing that we should always prefer home products, when as good as foreign, and having the highest opinion of these Waters, I cheerfully accede to your request. From the analysis, it is apparent that the saline ingredients are at the point of quantity, beyond which the Waters would partake of the character of

ordinary drugs, (defeating one of their most valuable properties,) and below which they would be useless. These Waters produce, in many persons, an exhilaration or buoyancy of spirits, which lasts for some time without being succeeded by any depression.—Several persons who were afflicted with torpid liver, costiveness, and great depression of spirits, have been speedily relieved, and have expressed great satisfaction on the improvement in their spirits. I have found them very useful in two cases of sick-headaches, a case of obstinate costiveness of twenty-five years standing, and to a considerable number of dyspeptics. Disease of the kidneys, connected with acid stomach, is often removed by their use. The Plantagenet Waters possess the property of relieving the craving felt by those who abandon the use of alcoholic drinks which is a very valuable quality. These are some of the cases in which I have found these Waters eminently useful.

I remain,
Your obedient servant,
S. C. SEWELL, M.D.,
L.R.C.S.E., Lecturer on Clinical Medicine in the University.

Montreal, 3rd June, 1852.

After some years experience in the use of the Plantagenet Mineral Water, I am enabled to certify as to its efficacy in the derangements of the stomach and bowels, requiring a gentle laxative and antacid for their relief. I can recommend it also, as exceedingly useful to persons of a constipated habit of body, and as one of the very best of beverages during our hot summer weather, and preferable to soda or any artificial Water.

I have employed it extensively both in Private and Hospital practice, and my position as Physician to the St. Patrick's Hospital of this city, has given me an opportunity of testing its qualities to the utmost, and I have no hesitation in recommending it for general use.

A. H. DAVID, M.D.,
Lecturer on Medicine, St. Lawrence School of Medicine.
and Member of Provincial Board of Examiners.

PLANTAGENET WATER.

Quebec, Sept. 14, 1852.

Dear Sir,—According to your request, I give you the result of my experience in the use of the far-famed Plantagenet Water.

I have been in the habit of recommending this Mineral Water to my patients ever since it was first presented to the public, and, I can safely say that I have, in many cases, met with the most satisfactory results from its use.

I have more particularly derived benefit from its employment in chronic skin diseases, in diseases depending on functional derangement of the stomach and bowels, of the liver, and of the kidneys. In many rheumatic affections it has proved highly serviceable; and, as a mild, safe, and pleasant aperient, it is invaluable.

I might cite a number of other affections in which it seems to exert a beneficial result, but the opinions already before the public render this quite unnecessary.

A. JACKSON, M.R.C.S.E.

Quebec, Sept. 8, 1852.

Sir,—It is with pleasure I add my testimony to the valuable medicinal virtues of your Plantagenet Water.

It is now two years since I recommended its use amongst my patients, and its effects in certain affections of the liver, kidneys, and dyspeptic diseases, in the latter complaint particularly, I have found it to act with most beneficial results. From the combination of valuable remedial principles in its composition, it is a most effectual remedy in many diseases of the stomach and bowels, especially those attended with an excess of acidity in the organs—in gout, rheumatism, and in most cases of debility requiring a gentle stimulating and restorative treatment.

P. D. MOFFATT, M.R.C.S.L.

Bytown, 21st June, 1852.

Dear Sir,—I beg to add my testimony to that of many others to the medical qualities of the Plantagenet Water, having frequently recommended its use as a laxative in those cases of habitual constipation arising from torpor of the liver and alimentary canal. From a conviction of its ability in such cases, I have used it in my own family, and do not therefore hesitate to advise its use to others, having found it to answer these indications most fully.

Your obedient servant,

HAMNET HILL, M.R.C.S.L.,

And Surgeon to the Protestant Hospital, Bytown.

To Mr. C. Larocque.

(Letter from Mr. P. T. Barnum to Mr. Larocque, Proprieter of Plantagenet Springs.)

Sir,—Although a stranger to you, I cannot refrain from sending you this letter, inasmuch as I believe it may be of valuable service to some portion of your public, and especially to citizens of the United States, and other strangers who visit Canada.

When in Montreal, six years ago, with my family, we were all seriously affected by drinking the river water—a consequence almost invariably produced upon strangers who visit Montreal and Quebec.

On my present visit to your city, a medical friend residing here strongly recommended me to abstain from using the river water, but, instead thereof, to drink your Plantagenet Spring Water, and I have been doing so for several days, with the most happy results.

Its taste is by no means disagreeable, and its effect is exhilarating in the extreme, giving increased appetite, and materially improving the general tone of the stomach.

I take great pleasure in recommending your pure Plantagenet Spring Water to all who would quench thirst with a good and healthy drink, instead of making their throats and stomachs receptacles for bad brandy, adulterated rum, or other alcoholic 'beverages' under whatsoever name they may be known, from Old Hock, Madeira, or Champagne, to mint juleps, brandy smashers, or gin cocktails, all of which are acknowledged by the medical faculty to be destructive to health, ruinous to the mental faculties, and when indulged in even moderately, always poisonous to the healthy stomach.

I am, Sir, yours respectfully,

P. T. BARNUM,
Iranistan, Bridgeport, Connecticut.

Montreal, May 31, 1852.

Boston, 6th June, 1852.

To the Proprietor of the Plantagenet Springs, Montreal.

Sir,—Having recently passed through your city on my way hither from Western Canada, I had occasion to remain there a few days, and previous to my leaving for this place, purchased a few gallons of your Mineral Waters, of which I had heard so much spoken, and after its usage by myself and family, confess it to be a valuable preventive against, and the cure of all diseases. [illegible] when used by summer heat, as it is extremely refreshing as a beverage and keeps the blood pure and clean.

My wife, who had, for a couple of years past been complaining of the

Rheumatism, and having adopted all other cures, found no relief until after the use of the Plantagenet, although small in quantities, proved wholly beneficial; and when I am in your city, which will be shortly, I will bring with me a fuller supply than the last, and hope that by its continual use, my wife will be recovered to her former state of health; and if this can be of any service in the way of publication, you can do so, and that with pleasure, trusting that others will follow my example and *try* it.

Your very obedient and thankful servant,

JOSHUA BENEDICT, Boston.

The following certificate is from the Hon. Charles Wilson, a Member of the Legislative Council, and the present Mayor of Montreal:—

PLANTAGENET WATER.

The Mayor's Certificate.

In accordance with the opinion expressed by the most distinguished medical practitioners of Montreal, Quebec, and other portions of the Province, and from my own experience of its salutary effects, I cheerfully afford my testimony to the excellent qualities and properties of the Plantagenet Water. For a summer beverage it is universally recommended by physicians as a healthful and pleasant aperient; and its valuable medicinal properties have been tested by a most faithful and accurate analyzation.

CHARLES WILSON, Mayor.

Saint Andrews, C.E., 18th April, 1853.

To the Proprietors of the Plantagenet Springs Water.

Gentlemen,—In compliance with your request, I cheerfully give my humble record of the recuperative efficacy of the Plantagenet Water.

After vainly trying almost every tonic and restorative of our Pharmacopoeia, and when so far prostrated from Dyspepsia, as to be under Medical advice to travel for health, I resorted to the use of the valuable water in question. During about three months I took on an average about four quarts a week, and always before breakfast. The result was a thorough restoration. The marked effects of the Water were antacid, alterative and tonic, when taken even in small quantities, say about a pint at a time; and aperient, when taken in larger, say from one to two quarts.

I remarked that while the body was under its influence, there was no liability "to catch cold."

In a long search for health I tried, I believe, almost every publicly known Mineral Spring in this Province and in some of the Northern States. All have their peculiar virtues; but as a general medicine, and almost prophylactic against the "ills of the flesh" incident to our climate, I think that the Plantagenet is the best. With benefit and profit I keep it as a household article.

Grateful for this opportunity of recommending to suffering humanity that Providential blessing to which I owe so much,

I am your obedient servant,

M. McLEOD, Advocate.

The following certificate is from the Hon. John Young, late a Member of the Executive Council, and Chief Commissioner of Public Works; and now one of the members of the city of Montreal.

Montreal, 26th April, 1853.

To the Proprietors of Plantagenet Water.

Gentlemen,—I am in receipt of your letter of yesterday, asking me for my opinion respecting the Plantagenet Spring Water, and the estimation in which it is held by our community.

I can state from my own knowledge, that the Plantagenet Spring Water enjoys a very high reputation here, and is recommended by most of our leading Physicians, in cases where the system has become impaired. It is also extensively used as a wholesome summer drink. I consider that its introduction into the cities of the "far West" would be a great boon, and that when known there, its consumption could not fail to be large.

I have the honor to be, Gentlemen,

Your obedient servant,

JOHN YOUNG, M.P.P.

[Further Certificate from Dr. Campbell.]

Montreal, 2nd August, 1852.

I have for the last three years been in the habit of prescribing, and using in my own family the Plantagenet Water. I consider it an excellent diuretic and antacid aperient; it opens the bowels without debilitating the system.

I have frequently found it of essential service in many cases of chronic dyspepsia, and in affections of the urinary organs, accompanied with an acid condition of the urine.

GEO. W. CAMPBELL, A.M., M.D.,
Lecturer on Principles and Practice of Surgery,
McGill College, Montreal.

It affords me much pleasure to have an opportunity of testifying to the virtues of the Plantagenet Water. Having acquired a knowledge of its efficacy from nearly two years experience, not only in prescribing it to my patients at the General Hospital, and in the course of my practice in Town, but also in using it myself, I do not hesitate to recommend the use of it to all persons troubled with Dyspepsia, Chronic diseases of the Liver, affections of the skin, and habitual costiveness. I also consider it to be a salutary beverage during the heat of summer.

J. T. C. BEAUBIEN,
Physician General Hospital Bytown.

Bytown, 31st May, 1853.

THE ANALYSIS AND CERTIFICATE OF DR. J. R. CHILTON.

I have analyzed the water from the "Plantagenet Spring," in Canada sent to me, and find it to yield the following from one gallon, taken from a cask shipped to this city:

Chloride of Sodium	648.00
Chloride of Magnesium	10.24
Chloride of Calcium	5.28
Chloride of Potassium	7·40
Carbonate of Lime	8.08
Carbonate of Magnesium	9.76
Carbonate of Iron	92
Carbonate of Soda	4.52
Bromide of Magnesium	3.16
Iodide of Magnesium	3.28
Silica	2.44
Organic matter	.08
Grains	703.16

The water also contains carbonic acid, a little more than sufficient to hold the carbonates in solution. From the result of the analysis of the water, it is evident that it possesses medicinal properties which render it worthy of being classed among remedial agents. It will act as a gentle or an active aperient, according to the quantity taken, while the Salts of Iodine, Bromine and Iron which it contains must render its effect both tonic and alterative.

(Signed) JAMES R. CHILTON, *Chemist.*

THE CERTIFICATE OF DR. McPHAIL, OF BROOKLYN.

My knowledge of the medicinal effects of the "Plantagenet Water" extends back several years.—I can speak confidently of its value in several chronic ailments, and can add my testimony to that of the medi-

cal gentlemen of Canada who certify to its virtues, several of whom are known to me to be of the highest standing in their profession.

LEONARD C. McPHAIL, M.D.,
Formerly Surgeon U. S. Army.

BROOKLYN, L. I., 12th July, 1853.

Bytown, 23rd November, 1853.

Sir—The Plantagenet Water has now acquired such deservedly great fame as to render further encomium unnecessary. I have been in the habit of both prescribing and using it for some years, and feel fully warranted, from its beneficial effects, in adding my concurrent opinion to those already so fully and so satisfactorily expressed by nearly all the leading members of the profession.—I am, &c.

EDWD. VANCORTLANDT,
Consulting Surgeon to Bytown Gen'l. Hospital.

I have been constantly in the habit of prescribing the Plantagenet Spring Water, and have invariably been satisfied with its action.

In derangements of the stomach and bowels, to which persons are unusually liable during the summer months; and as an adjuvant to other remedies in affections of the liver, I have found it most invaluable.

From the analysis by Mr. Hunt, I was induced to prescribe it in the course of treatment, of a few obstinate cases of skin disease, and its administration was attended with the most favorable results.

W. H. HINGSTON, M.D., L.R.C.S.E.

Montreal, July, 1856.

I am happy in being able to testify to the curative qualities of the Plantagenet Mineral Waters.

P. E. MACKEON,
Physician and Surgeon.

Montreal, 24th July, 1856

The efficacy of the Plantagenet Mineral Water is so generally established as a saline aperient, in cases of visceral and other complaints that I have no hesitation in recommending it to the public, as I did many years ago, after its chemical analysis by Professor Hunt.

J. L. LEPROHON, M.D.

Consulate of the United States of America
MONTREAL, JULY 24, 1856.

Having during a period of six years used almost daily, the Plantagenet Water, I can most cordially bear testimony to its beneficial effects

upon my own health, as well as upon that of the other members of my family who have used it, and I have therefore much satisfaction in recommending it to the public at large.

I have fully tested the excellent qualities of this Water, and think that its more general introduction into the large and populous towns of the America Union, would not only be highly desirable, but would be followed by a great demand and rapid sale.

C. DORWIN, American Consul.

My Dear Sir,—In compliance with your request, I cheerfully give testimony to the efficacy of the Plantagenet Mineral Waters. I have used it for the last four years with marked benefit, and it only requires I believe, to be more generally used in order to be more fully appreciated.

J. P. WHITE,
Rector of the Prot. Episcopal Church, Chambly, C.E.

St. Lawrence Hall, 22nd August, 1856.

Sir,—In answer to your enquiries of this morning, we have pleasure in stating that the Plantagenet Water is much used in this Hotel, both by Visitors and our regular Boarders, giving general satisfaction, and we believe, fully bears out the high character given it by medical men.

We are, Sir,
Your obedt. servants,
HOGAN & PENN.

Montreal, 25th August, 1856.

Sir,—In answer to your inquiries about the use of the Plantagenet Water in the Montreal House, I have pleasure in saying that the Visitors here, as well as regular Boarders, and my own family, use the Water, and in all cases it is found fully to bear the character given it in the various certificates and recommendations by medical and other gentlemen.

To my knowledge, some of those who used it in the house obtained relief and much good.

J. WARREN COLEMAN,
Proprietor, Montreal House.

City Hall, Montreal, 30th August, 1856.

Sir,—I have occasionally made use of the Plantagenet Mineral Water, the valuable properties of which have been certified to by so many respectable inhabitants of this City, among whom are many medical practitioners of reputation and established position in their profession. I am satisfied that these certificates would not have been granted by the gentlemen adverted to, did not the virtues of the Water justify

their recommendation of it; and my own experience warrants a belief in its curative and invigorating qualities.—I have the honor to be, &c.,

[Seal.] H. STARNES, Mayor.

Montreal, September 1st, 1856.

Sir,—In answer to your inquiries about the use of the Plantagenet Water in the Ottawa Hotel, I have pleasure in saying that the Visitors here, as well as regular Boarders, and my own family, use the water, and in all cases it is found fully to bear the character given it in the various certificates and recommendations by medical and other gentlemen.

To my knowledge, some of those who used it in the house obtained relief and much good.

SAML. BROWNING.
Proprietor, Ottawa Hotel.

The following certificate is from one of the leading French Canadian Merchants of Montreal:—

On account of the Varennes Springs being so near to the city of Montreal, I have generally used that Water with others: being, however, induced to try that of the far-famed Plantagenet, I have found it so agreeable and refreshing, that I now constantly use it in my family, and with great confidence recommend it to my friends and the public.

LOUIS BOYER, Merchant.

The following certificate from Mr. Leprohon speaks the language of hundreds of others which could be produced:—

Sir,—I was afflicted for many years with inflammatory rheumatism, and of such a painful character that I spared neither money nor time to obtain relief.

I was very near despairing, when I was recommended to try the effects of the Mineral Waters, now so abundant in this country. I drank formerly of the Varennes Waters and others, as I was informed they partook strongly of saline components, but I found no relief from my pains. Some time ago I sent for some gallons of the Plantagenet Water; and found a great restoration of my health, and I am happy to state publicly, that the Plantagenet Water has made an effectual change on my health.

I give this testimony voluntarily, trusting that by its publication others afflicted as I have been will not hesitate any longer to test the beneficial results of the Plantagenet Water.

E. E. LEPROHON,
Inspector of Ashes.

EXTRACTS OF LETTERS.

The writer says:—"I am most anxious to receive a fresh supply of your excellent Mineral Water, I mean the "Plantagenet. I can assure you with truth and sincerity, that it has saved me these two years from employing any Physician. May I ask you the very great favor to ship me five barrels of it, bottled up in the usual way."

I am Sir,

Yours truly,

ROBERT PARKS.

Cleveland, Ohio, May 14th, 1856.

In ordering water the writer says:—"But send it off at once, for we have had a great deal of ague in the family. In fact my family have never been so well since your last supply sent was finished."

Yours very truly,

ALEX. GORDON,
Collector of Customs, Windsor, C. W.

July 7th, 1856.

---

177 Craig Street, Montreal, 1st June, 1858.

Sir,—The last eight years past has confirmed my opinion of the value of the Plantagenet Water. I have recommended it extensively in my practice. The effects in certain affections of the Liver, Kidneys, and dyspeptic diseases—in the latter complaint particularly, I have found it to act with the most beneficial results. Its laxative, antacid and alterative powers have proved of eminent service its unirritating action on the bowels, entitle it to a preference to any other requiring that indication to be performed. I may state, in conclusion, that I recommend this water to the members of my own family, and have always kept a supply in the house.

I am, Sir, yours respectfully,

W. P. SMITH,
Licentiate of the Faculty of Physicians
and Surgeons, Glasgow.

Montreal, 1st June, 1858.

Sir,—You ask my opinion on the Medicel value of the Plantagenet Water. Since it has been known I have never ceased to recommend it as an agreeable cooling drink in the summer time, as also a very powerful purgative in habitual costiveness and in some other chronic diseases.

It is also very useful for rheumatism, gout, dyspepsia, gravel and skin diseases.

(Signed,) J. G. BIBAUD, M.D.,
Prof. Anatome, E. M., M.

Montreal, June 5, 1858.

Sir,—In answer to your enquiry about the effect of the use by me of Plantagenet Water since my arrival in this city, I have much pleasure in stating that it has had a very beneficial effect on the kidneys and urinary organs, and which I had not been able previously to obtain by medical treatment in Great Britain

I am, Sir, your obedient.,
WILLIAM GREEN.

A wealthy and influential gentleman of Keesville, N. Y., has written to his friend, Dr. Nelson of Montreal, requesting him to send a keg of Plantagenet Water to a friend of his at Boston. In his letter, he states: —"Mrs. and I myself have taken of this water during the last six weeks, and I really think its effects upon an inactive liver charming. We have also seen its effect upon a very delicate young lady, that had been very irregular in certain matters, and the Plantagenet Water has put all right and restored her to good health."

The object in procuring the subjoined Notarial *Acte*, certified as to the signature of Mr. Jobin, by His Excellency the Governor General is to satisfy parties at a distance, and particularly in Europe, where the Proprietor is about to introduce the Plantagenet Water, that the facts alleged in the certificates of the various Medical Men, whose names are herein mentioned, are incontestible. In the Province of Canada, such verification would be unnecessary. Every one here is acquainted with the extraordinary virtues of the Waters, and the Medical Gentlemen are on the spot to answer for their own testimony ; but, in distant countries, where the Plantagenet Water is about to be introduced for the first time, such is not the case, and therefore, it has been thought necessary to obtain this document, attested by the highest authority in British North America :—

PROVINCE OF CANADA, }
District of Montreal. }

KNOW ALL MEN by these presents;—Be it known that on this day, the Fourteenth of the month of August, in the year of Our Lord one thousand eight hundred and fifty-two, before me, Joseph Hilarion Jobin, a Notary Public, duly admitted and sworn in and for that part of the Province of Canada, heretofore constituting the Province of Lower Canada, residing at the City of Montreal, in the District of Montreal, in the said Province, personally came and appeared Chas.

LAROCQUE, Esquire, of the Township of Plantagenet, in that part of the said Province of Canada, heretofore Upper Canada, Proprietor of the Plantagenet Spring Waters, personally known to me; who declared and attested that the Signatures, Wolfred Nelson, M.D., S. C. Sewell, M.D., J. G. Bibaud, M.D., L. Boyer, M.D., A. Hall M.D., M. McCulloch, M.D., E. H. Trudel, M.D., J. L. Leprohon, M.D., Geo. W. Campbell, M.D., J. W. C. Trestler, M.D., H. Peltier, M.D., W. Fraser, M.D., Francis Badgley, M.D., P. Beaubien, M.D., R. L. McDonnell, M.D., J. Emery Coderre, M.D., W. P. Smith, M.D., L. F. Tavernier, M.D., J. Crawford, M.D., P. E. Picault, M.D., D. Wright, M.D., A. H. David M.D., R. P. Howard, M.D., Henry, Mount, M.D., George D. Gibb, M.D., P. Munro, M.D., Saml. B. Schmidt, M.D., all of the said City of Montreal, Doctors of Medicine, Physicians and Surgeons, whose signatures are set and subscribed to the Certificates in his possession, attesting of the superior qualities of the Plantagenet Spring Waters, are and each signature is of the true hand writing and signature of them, also the different testimonies in his possession of parties of the highest standing in their respective professional and social position, amongst which are to be found the Certificates and Signatures of the City Mayors of Montreal and Quebec, E. R. Fabre, Chas, Wilson and N. F. Belleau. That the qualities of the Plantagenet Spring Waters are incontestable and unrivalled as fully appear by the said Certificates and Testimonies. That the Gentlemen of the Medical Profession herein above named, are well known as being Members of the highest standing. An Act whereof being requested, I have granted these presents to serve and avail as occasion shall or may require.

In faith and testimony whereof, I have Signed and affixed my seal of office on the day, month and year first above written.

J. H. JOBIN, N. P.

By His Excellency the Right Honorable JAMES, EARL OF ELGIN AND KINCARDINE, Knight of the Most Ancient and Most Noble Order of the Thistle, Governor General of British North America, and Captain General and Governor in Chief in and over the Provinces of Canada, Nova Scotia, New Brunswick, and the Island of Prince Edward, and Vice Admiral of the same, &c. &c. &c.

To all to whom these Presents shall come—

Greeting:

These are to certify, that Joseph Hilarion Jobin, whose name is subscribed to the accompanying document, is a Notary Public, duly appointed in and for that part of the Province of Canada called Lower Canada, and that full faith and credence are due and ought to be given to such signature and act in all places.

Given under my hand and office Seal at Quebec, this twentieth day of August in the year of Our Lord, one thousand eight hundred and fifty-two, Her Majesty's Reign the sixteenth.

By Command,

ELGIN & KINCARDINE.

T.D. HARINGTON,
Rec. of Fees.

Jan. 26/31